

Storm Data and Unusual Weather Phenomena - October 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MICHIGAN, East				
SAGINAW COUNTY --- 2.0 W BRANT [43.25, -84.27]				
	10/18/07 19:42 EST		0	Thunderstorm Wind (EG 54 kt)
	10/18/07 19:42 EST		0	Source: Law Enforcement
Central dispatch received a report of a very large tree down on the 18000 block of Brant Road.				
SAGINAW COUNTY --- 3.0 W ST CHARLES [43.30, -84.21]				
	10/18/07 19:48 EST		0	Thunderstorm Wind (EG 54 kt)
	10/18/07 19:48 EST		0	Source: Law Enforcement
Central dispatch received a report of a tree down on Raucholz Rd.				
MIDLAND COUNTY --- COLEMAN [43.75, -84.58]				
	10/18/07 21:05 EST		0	Hail (1.00 in)
	10/18/07 21:05 EST		0	Source: Amateur Radio
SHIAWASSEE COUNTY --- 3.3 SSE PERRY [42.78, -84.20], 1.3 SSE PERRY [42.80, -84.21]				
	10/18/07 21:53 EST		0.40M	Tornado (EF1, L: 2.00 mi , W: 100 yd)
	10/18/07 21:56 EST	1	0	Source: Law Enforcement
This tornado developed in Ingham County, just northeast of Mason, and tracked northeastward through the town of Williamston before crossing into Shiawassee County at 2153EST at a point 3.3 miles south-southeast of Perry (see Storm Data for Michigan, Southwest, for more information on the beginning portion of this tornado). In Shiawassee County, the tornado was on the ground for 2 miles and the most significant damage, rated EF1, was concentrated on Lovejoy, Locke, and Braden roads where 4 barns and 3 houses received damage. One house had windows blown out, one farm house had a section of roof taken off, and a modular home had the entire roof taken off. A man in the modular home received a bump on the head, otherwise, no injuries were reported. Total property damages to structures, vehicles, and other property were estimated at \$400K. Average path width for the Shiawassee County portion was 100 yards.				
GENESEE COUNTY --- 4.0 N FLUSHING [43.13, -83.83]				
	10/18/07 22:32 EST		0	Thunderstorm Wind (EG 50 kt)
	10/18/07 22:32 EST		0	Source: Law Enforcement
Large tree branches down at Mount Morris and Seymour roads from an NWS storm survey.				
GENESEE COUNTY --- 5.0 W SWARTZ CREEK [42.95, -83.92]				
	10/18/07 23:47 EST		0	Thunderstorm Wind (EG 56 kt)
	10/18/07 23:47 EST		0	Source: Amateur Radio
A trained spotter estimated wind gusts at 60 to 65 mph.				
SHIAWASSEE COUNTY --- 4.3 NE DURAND [42.96, -83.92]				
	10/18/07 23:47 EST		0	Thunderstorm Wind (EG 56 kt)
	10/18/07 23:47 EST		0	Source: Amateur Radio
A trained spotter estimated wind gusts at 60 to 65 mph.				
GENESEE COUNTY --- 1.0 W CLIO [43.18, -83.74]				
	10/19/07 00:01 EST		0	Hail (0.75 in)
	10/19/07 00:01 EST		0	Source: Amateur Radio
GENESEE COUNTY --- THETFORD CENTER [43.18, -83.62], 2.5 NE THETFORD CENTER [43.21, -83.58]				
	10/19/07 00:06 EST		0.10M	Tornado (EF0, L: 2.50 mi , W: 50 yd)
	10/19/07 00:09 EST		0	Source: NWS Storm Survey
This tornado developed at 0006EST in Thetford Township about 5 miles east of Clio. It started near Center and Vienna roads, tracked northeastward for 2.5 miles, and ended in Buell Lake Park. The tornado was rated as EF0 with winds estimated around 80 mph. Most of the damage was to large trees with many snapped or uprooted. One home had shingle damage and a barn had a portion of its metal roof peeled off. Damage to these two structures was estimated at \$100K. The average path width was 50 yards.				

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TUSCOLA COUNTY --- 1.5 SW MILLINGTON [43.26, -83.55], 0.6 E MILLINGTON [43.28, -83.52]				
	10/19/07 00:16 EST		0.50M	Tornado (EF1, L: 2.00 mi , W: 30 yd)
	10/19/07 00:18 EST	1	0	Source: Law Enforcement

This tornado touched down at 0016EST, just southwest of the town of Millington, near the intersection of Barnes and Fulmer roads. It tracked northeastward and was on the ground for 2 miles before lifting near Main street and Caine Road in Millington. This tornado was rated a strong EF1 with winds estimated around 105 mph. A modular home was completely destroyed, another home received substantial damage after being battered by debris from the destroyed modular home and a framed house lost a section of its roof. Miraculously, a 14-month-old baby, sleeping in a crib in the modular home, received only minor cuts and bruises after being tossed 25 feet and buried under about 4 feet of beams, rafters, and other debris from the demolished home. Total property damages were estimated at \$500K. The average path width was 30 yards.

LAPEER COUNTY --- 6.0 W NORTH BRANCH [43.23, -83.32]				
	10/19/07 00:33 EST		0	Thunderstorm Wind (EG 56 kt)
	10/19/07 00:33 EST		0	Source: Emergency Manager

Emergency Management reported multiple trees down.

TUSCOLA COUNTY --- 2.1 W DEFORD [43.52, -83.24], 2.1 N DEFORD [43.55, -83.20]				
	10/19/07 00:45 EST		0.40M	Tornado (EF1, L: 3.00 mi , W: 100 yd)
	10/19/07 00:48 EST		0	Source: Law Enforcement

A tornado spun up at 0045EST two miles west of Deford. It began near Deckerville and Dodge roads and tracked northeastward for 3 miles before lifting. The most significant damage was rated EF1 with winds estimated at 95 MPH. A garage was destroyed, several houses sustained roof damage, and a fifth-wheel was tossed into a pond on top a truck that had already been tossed into the pond. A man sleeping in the fifth-wheel received no injuries. Numerous trees were also snapped off or uprooted. Total property damages were estimated at \$400K. The average path width was 100 yards.

HURON COUNTY --- 4.0 W PORT HOPE [43.93, -82.80], 4.0 WNW PORT HOPE [43.95, -82.79]				
	10/19/07 01:26 EST		0.25M	Tornado (EF1, L: 1.00 mi , W: 100 yd)
	10/19/07 01:27 EST		0	Source: NWS Storm Survey

A tornado spun up at 0126EST four miles west of Port Hope. It touched down at a farmstead and caused substantial damage, rated EF1. Large heavy farm machinery was lifted and displaced, and a farm shed was moved about 120 feet off of its foundation. Also, the walls of a large barn were lifted 6 to 8 feet from their foundation. Total property damages were estimated at \$250K. The average path width was 100 yards.

A strong and potent storm in the Upper Great Lakes drove a cold front through Lower Michigan during the evening and overnight hours on October 18th and 19th. The atmosphere ahead of the cold front was very warm, moist, and unstable. These conditions combined with the strong storm to produce a late-season and late-night tornado outbreak. Five tornadoes were confirmed in Southeast Michigan in Shiawassee, Genesee, Tuscola, and Huron Counties. Only a couple of minor injuries were reported. Total property damages were estimated around \$1.5M.